

**From:** Richard Fetzer/R3/USEPA/US  
**Sent:** 11/20/2012 10:59:35 AM

**To:** "Robert Helverson" <Helverson.Robert@epamail.epa.gov>  
**CC:** Ana Pomales; Karl Markiewicz; "Augustine, Kevin" <kaugustine@state.pa.us>; Lora Werner  
**Subject:** Re: Dimock area homes with dissolved methane >28 mg/L that remain unaddressed

Bob, As you know, EPA has decided that these methane issues are to be addressed by the PADEP Oil and Gas program. We did not pursue any source investigation after the initial testing, regardless of other contaminants present in these wells.

Rich

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From: Robert Helverson/R3/USEPA/US  
To: "Augustine, Kevin" <kaugustine@state.pa.us>, Richard Fetzer/R3/USEPA/US@EPA  
Cc: Lora Werner/R3/USEPA/US@EPA, Karl Markiewicz/R3/USEPA/US@EPA, Ana Pomales/R3/USEPA/US  
Date: 11/19/2012 10:49 AM  
Subject: Dimock area homes with dissolved methane >28 mg/L that remain unaddressed

Good Morning Kevin and Rich,

I wanted you both to know that our office will be contacting PADEP oil and gas (Marc Cooley of Mike O'Donnell) to discuss a short list of residential wells that have elevated levels of dissolved methane. This list is based on the EPA 2012 sampling in Dimock: HW29 at 77 mg/L, HW25 at 65 mg/L, HW12 at 52 mg/L, HW26 at 43 mg/L, and HW03 at 28 mg/L.

Based on my discussion with the homeowners this past Friday, two wells are being addressed by Cabot for the methane,: HW12 **Ex. 6 - Personal Privacy** has a Cabot-installed system that continues to be monitored by Cabot; and, HW29 **Ex. 6 - Personal Privacy** who told me that "he is dealing with Cabot."

The three other wells (HW03, HW25 and HW26) remain unaddressed.

HW03, the **Ex. 6 - Personal Privacy** was under the COSA between Cabot and PADEP, but apparently their methane levels (28 mg/L in EPA 2012 data and over 28 mg/L on more than 9 occasions between 2009 and 2010) were not high enough to warrant a treatment system. This is confusing, given the saturation level of methane is around 28 mg/L and both Cabot and PADEP detected this in their sampling.

HW25 and HW26 are both the **Ex. 6 - Personal Privacy** in two separate homes (and wells) on **Ex. 6 - Personal Privacy**. I do not have historic data for these homes, but their dissolved levels in 2012 warrant immediate action to reduce the risk of explosion in small enclosed spaces (bathrooms, basements, laundry rooms, etc.) **Ex. 6 - Personal Privacy** said that nobody (PADEP or Cabot) has contacted **Ex. 6 - Personal Privacy** since EPA noted they have high methane levels in their well water.

I welcome any feedback from either of you on this safety issue in Northeast Pennsylvania.

Sincerely,

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